Index of Claims

| Application/Control No | n/Control No. |
|------------------------|---------------|
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09/914,622

Examiner

Robert A. Zeman

Applicant(s)/Patent under Reexamination

LOOSMORE ET AL.

Art Unit

1645

| √ : | Rejected |
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| =   | Allowed  |

- (Through numeral)
Cancelled

Restricted

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|---|--------------|
| ı | Interference |

A Appeal
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| Cla  | aim      |  |  |          | Dat          | e                      |                 |                 |          |    | Cla      | im       |                 |          |                | D         | ate          |          |        |  |          | CI   | aim         |                 |                 |                   | D        | ate      | ,        |          | _             |          |
|--|----------|--|--|----------|--------------|------------------------|-----------------|-----------------|----------|----|----------|----------|-----------------|----------|----------------|-----------|--------------|----------|--------|--|----------|--|-------------|-----------------|-----------------|-------------------|----------|----------|----------|----------|---------------|----------|
|  |          |  |  |          |              |                        |                 | T               |          |    |          |          |                 | T        | T              | T         |              |          |        |  |          |  | <del></del> |                 |                 | T                 |          |          |          | 1        |               |          |
| Final  | Original | 1/3/06   |  | 1        | 1            |                        |                 |                 |          |    | Final    | Original |                 |          |                |           |              |          |        |  |          | Final  | Original    |                 |                 |                   |          |          |          |          |               | - [      |
| 遣  | rig      | 1/3  |  | 1        | 1            |                        |                 |                 |          |    | ίĒ       | Ę        |                 |          |                |           |              |          |        |  |          | 這  | <u>ڄ</u>    |                 |                 |                   |          |          |          |          |               | - [      |
|  | J        | L  |  |          | L            | $\lfloor _{ot}  floor$ |                 |                 | _]       |    |          | J        |                 |          |                |           | $\bot$       | $\perp$  |        |  |          |  |             |                 |                 |                   |          |          |          |          | $\perp$       | ╝        |
|  | 1        | ÷  |  |          |              |                        |                 |                 |          |    |          | 51       |                 |          | $\Box$         | $oxed{T}$ | $oxed{oxed}$ |          |        |  |          |  | 101         |                 | $\Box$          | $oldsymbol{\bot}$ | $\Box$   |          |          | $\perp$  | $\perp$       | $\Box$   |
|  | 2        | ÷  |  | Г        |              |                        |                 |                 |          |    |          | 52       |                 |          |                |           |              |          |        |  |          |  | 102         |                 |                 |                   |          |          |          |          | $\perp$       | _        |
|  | 3        | +  |  |          |              |                        |                 |                 |          |    |          | 53       |                 |          |                |           |              | $\perp$  |        |  |          |  | 103         |                 | $\perp$         | $\perp$           |          | _        |          | $\perp$  | $\dashv$      | ┙        |
|  | 4        | +  |  |          |              |                        |                 |                 |          |    |          | 54       |                 |          | $\perp$        | $\perp$   |              | $\perp$  |        |  |          |  | 104         |                 |                 | $\perp$           | _        | _        | _        | _        | _             | ᆜ        |
|  | 5        | +  |  |          |              |                        |                 |                 |          |    |          | 55       |                 | $\perp$  | $\perp$        |           |              | 1        |        |  |          |  | 105         |                 | _               |                   | _        | _        | _        | _        | $\dashv$      |          |
|  | 6        | ÷  |  |          |              |                        |                 | $\perp$         | _        |    |          | 56       |                 |          |                |           | _            | ╧        |        |  |          |  | 106         |                 | _               | _                 | _        | _        | _        | 4        | 4             | ᆜ        |
|  | 7        | ÷  |  |          | <u></u>      |                        |                 |                 | _        |    |          | 57       |                 |          |                |           | _            | $\perp$  |        |  |          |  | 107         |                 |                 | _                 | _        | _        | _        | _        | 4             | ᅵ        |
|  | 8        | +  |  |          | <u> </u>     |                        |                 |                 | _        |    |          | 58       | $\Box$          | 4        | 4              |           | $\perp$      | $\bot$   |        |  |          |  | 108         |                 | 4               | _                 | _        | 4        | _        | _        | $\dashv$      | _        |
|  | 9        | +  |  | ļ        | _            | Ш                      |                 | _               | _        |    |          | 59       | _               | _        | 4              | _         | 4            | 4        |        |  |          |  | 109         |                 | _               | _                 | -        | _        | _        | _        | 4             | 4        |
|  | 10       | +  | oxdot  | $\perp$  | <u> </u>     | Ш                      |                 | _               | _        |    |          | 60       | $\sqcup$        |          | _              | _         |              | 4        | ┷      |  |          |  | 110         | Ш               |                 | _                 | -        |          | _        | 4        | 4             | $\dashv$ |
|  | 11       | ÷  | Ц.   | <u> </u> |              | Ш                      | ,               |                 | _        |    |          | 61       |                 | _        | 4              | $\perp$   |              | _        | +      | Ш  |          |  | 111         |                 | $\perp$         | 4                 | -+       |          |          | -        | $\dashv$      | ᅬ        |
|  | 12       | ÷  | Ш.   | ↓_       | <del> </del> | Щ                      | Ц               | <u> </u>        | _        |    |          | 62       | $\sqcup$        | _        | $\dashv$       | $\perp$   | $\perp$      | <u> </u> | -      | $\vdash$   |          |  | 112         |                 | $\vdash$        | $\dashv$          | _        | 4        |          | $\dashv$ | 4             | $\dashv$ |
|  | _13      | ÷  | $\sqcup \!\!\! \perp$                            | <u> </u> | <u> </u>     | Ш                      | Ш               | $\sqcup$        | _        |    |          | 63       | Щ               | 4        | $\dashv$       | $\perp$   | $\perp$      | $\perp$  | ┷      | <u> </u>   |          |  | 113         | $\sqcup$        | $\dashv$        | 4                 | _        | 4        | _        |          | 4             | 긕        |
|  | 14       | +  | $oxed{oxed}$                                     | 1        | <del> </del> | $\sqcup$               | Ш               | $\sqcup$        | _        |    |          | 64       | $\sqcup$        | _        |                | +         | $\perp$      | $\perp$  | 1-     | <u> </u>   |          |  | 114         | Ш               | $\dashv$        | $\dashv$          | 4        | -        | _        | -        | -             | $\dashv$ |
|  | 15       | +  | lacksquare                                       | _        | 1            | Щ                      | $\sqcup$        | $\sqcup$        | 4        |    |          | 65       | $\sqcup$        | $\dashv$ | $\dashv$       | _         | _            | _        | _      | ļ.,  |          |  | 115         | $\vdash \vdash$ |                 | -                 | $\dashv$ | -        | _        | $\dashv$ | 4             | ႕        |
|  | 16       | ÷  | Щ.   | ـ        | _            | Щ                      | Щ               | _               | _        |    |          | 66       | $\sqcup$        | _        | _              | $\perp$   | _            | - -      | +      | $\vdash$   |          |  | 116         | $\vdash$        | $\dashv$        | $\dashv$          | $\dashv$ | -        | -        | $\dashv$ | $\dashv$      |          |
|  | 17       | +  | <u> </u>   | ↓_       | _            | Ш                      | Щ               | Щ               | _        |    |          | 67       |                 | _        | 4              | $\perp$   | +            | +        |        | $\vdash$   |          |  | 117         | H               |                 | $\dashv$          |          | $\dashv$ | _        | -        | $\rightarrow$ | $\dashv$ |
|  | 18       | +  |  | ļ        | <u> </u>     |                        | Щ               |                 | _        |    |          | 68       |                 | _        | _              | +         | $\dashv$     | $\bot$   | -      |  |          |  | 118         | Н               |                 | 4                 | _        | $\dashv$ | $\dashv$ | -        | $\dashv$      | $\dashv$ |
| <u> </u>   | 19       | ÷  |  | <u> </u> | ┺            |                        |                 |                 | _        |    |          | 69       |                 | 4        | _              | 4         | +            | $\bot$   | ┿      | _  |          |  | 119         |                 | _               | 4                 | -        |          | $\dashv$ | -        | $\dashv$      | $\dashv$ |
| <u> </u>   | 20       | +  |  | <u> </u> | _            |                        |                 |                 | 4        |    |          | 70       |                 | 4        | _              | 4         | -            | +        | ╄      |  |          |  | 120         | -               | _               |                   | 4        | _        | _        | -        |               | $\dashv$ |
| <u> </u>   | 21       | ÷  |  | 1        | _            | $\perp$                | Щ               |                 | ᅴ        |    |          | 71       | _               | _        | _              | _         | _            | _        | ╄      | <u> </u>   |          |  | 121         |                 |                 |                   |          | _        | _        |          | -             |          |
|  | 22       | ÷  |  | 1        | ⇂            | $\perp$                | Ш               | $\Box$          | _        |    |          | 72       | $\blacksquare$  | _        | $\rightarrow$  | 4         | _            | +        | ╄      | _  |          |  | 122         |                 |                 | -                 |          | -        | -        |          | $\dashv$      |          |
|  | 23       | +  |  | ↓        | ╙            | $\perp$                | Щ               | _               | ᆚ        |    |          | 73       | $\rightarrow$   |          | $\dashv$       | _         | 4            | -        | +-     | _  |          |  | 123         | Ш               | -               | -+                | $\dashv$ | -        |          |          | -             |          |
|  | 24       | +  |  | ↓_       | ↓_           | $\sqcup$               | Ш               | _               | _        |    |          | 74       |                 | -        | 4              | _         | +            | +        | +      | L  |          |  | 124         | Ш               |                 | -+                | $\dashv$ |          |          |          | $\dashv$      | $\dashv$ |
|  | 25       | ÷  | <u> </u>   |          | ╄            | $\vdash$               | Ш               | $\dashv$        |          |    |          | 75       |                 | _        | $\dashv$       | +         | 4            | - -      |        | _  |          | <u></u>  | 125         |                 | $\vdash$        | $\dashv$          | $\dashv$ | $\dashv$ |          | $\dashv$ | -             | $\dashv$ |
|  | 26       | ÷  | $\vdash$   | -        | ↓_           | <b>↓</b>               | $\vdash \vdash$ | $\dashv$        | 4        |    |          | 76       | $\vdash$        |          | $\dashv$       | +         | +            | +        |        | -  |          | _  | 126         |                 | $\vdash$        | -                 | $\dashv$ |          | $\dashv$ | -        | -+            | $\dashv$ |
|  | 27       | +  |  | <u> </u> | ╄            | -                      |                 | $\dashv$        | $\dashv$ |    |          | 77       | -               | _        | -              | -         | +            | +        | +      | _  |          |  | 127         | Н               |                 | -                 | $\dashv$ | -        |          | -        | $\dashv$      | ᅱ        |
|  | 28       | <u> </u>   |  | +        | $\vdash$     | $\vdash$               | $\vdash$        |                 | $\dashv$ |    |          | 78       |                 | -        | $\dashv$       | -         | +            | +        | +      | -  |          |  | 128<br>129  | $\vdash$        | $\dashv$        | +                 | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
|  | 29       | ├  | $\vdash$   | ╀        | ┼            | $\vdash$               | $\vdash \vdash$ | -               | ႕        |    |          | 79       |                 | $\dashv$ | $\dashv$       | +         | +            | +        | +-     | $\vdash$   |          |  | 130         | Н               | $\vdash$        | $\dashv$          | -        | $\dashv$ | $\dashv$ | -+       | -+            | $\dashv$ |
|  | 30       | _  | $\vdash$   | +        | ┼-           | -                      | Н               | $\dashv$        | ᅴ        |    |          | 80       | $\vdash \vdash$ | $\dashv$ |                | +         | +            | +        | +      | -  |          |  | 131         |                 | $\vdash$        | $\dashv$          | $\dashv$ |          |          | $\dashv$ | ┥             | $\dashv$ |
| <u> </u>   | 31       | ├—   | $\vdash$   | +        | $\vdash$     | $\vdash$               | $\vdash \vdash$ | $\dashv$        | _        |    |          | 81       | $\vdash \vdash$ | $\dashv$ | -+             | +         | +            | +        | +-     | $\vdash$   |          | -  | 131         | Н               | $\vdash \vdash$ | $\dashv$          |          |          |          | $\dashv$ | $\dashv$      | $\dashv$ |
| <u> </u>   | 32       | ├-   | $\vdash$   | +        | +-           | +-                     | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$ |    |          | 82<br>83 | H               | $\dashv$ |                | +         | +            | +        | +-     | Н  |          | <del></del>                                      | 133         | $\vdash$        | $\vdash$        | $\dashv$          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$      | $\dashv$ |
| - 0  | 33<br>34 |  | ├─├-   | +        | +            | -                      |                 | $\vdash$        | $\dashv$ |    |          | 84       | ┝┤              | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$     | +        | +      | 1  | liiii    |  | 134         | $\vdash$        | $\vdash$        | $\dashv$          | $\dashv$ |          |          | $\dashv$ | $\dashv$      | 一        |
|  | 35       | $\vdash$   | ┝╾┼╾   | +        | +            | $\vdash$               | $\vdash \dashv$ | $\vdash \vdash$ | $\dashv$ |    |          | 85       | $\vdash$        | $\dashv$ | $\dashv$       | +         | +            | +        | +      | -  |          | <del></del>                                      | 135         | Н               | $\vdash$        | +                 | $\dashv$ |          | -        | +        | 十             | ᅱ        |
| }  | 36       | $\vdash$   | <del>   -</del>                                  | +        | +            | $\vdash$               | $\vdash \vdash$ | $\vdash \vdash$ |          |    | H        | 86       | $\vdash$        | -+       | $\dashv$       | +         | +            | +        | +      | $\vdash$   | <b> </b> | <del>                                     </del> | 136         | $\vdash$        | $\vdash$        | +                 | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | ㅓ        |
| <del> </del>                                     | 37       | $\vdash$   | <del>                                     </del> | +        | +            | $\vdash$               | Н               | $\vdash \vdash$ | ⊣        |    |          | 87       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | +         | $\dashv$     | +        | +      | $\vdash$   | 1        | <del> </del>                                     | 137         | $\vdash$        | $\vdash$        | $\dashv$          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | ᅱ        |
| <del> </del>                                     | 38       | $\vdash$   |  | +        | +            |                        | $\vdash$        | ┰               | ᅱ        |    |          | 88       | ┝─┤             | $\dashv$ | $\dashv$       | +         | +            | +        | +      | $\vdash$   | l        | <del> </del>                                     | 138         | $\vdash$        |                 | $\dashv$          | -        |          |          | +        | $\dashv$      | $\dashv$ |
| _  | 39       | $\vdash$   | $\vdash \vdash$                                  | +        | $\vdash$     | +                      | $\vdash \dashv$ | ╁               | ᅱ        |    |          | 89       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$  | +            | +        | +      | <del>                                     </del> | 1        | -  | 139         | $\vdash$        | $\vdash$        | $\dashv$          |          |          |          | $\dashv$ | $\dashv$      | ㅓ        |
| <u> </u>   | 40       | $\vdash$   | ++   | +        | +            | $\vdash$               | $\vdash$        | ┝┯┼             | $\dashv$ |    |          | 90       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$  | -+-          | +        | +      | 1  | 1::::    |  | 140         | Н               | $\vdash$        | $\dashv$          | _        | $\dashv$ | H        | $\dashv$ | $\dashv$      | ᅥ        |
| <del>                                     </del> | 41       | $\vdash$   | ++-  | +        | +            | t                      | $\vdash$        | $\vdash \vdash$ | $\dashv$ |    |          | 91       | $\vdash$        | $\dashv$ | $\dashv$       | +         | 十            | +        | +      |  | 1        | <u> </u>   | 141         |                 | Н               | - 1               | 一        | $\neg$   |          | $\neg$   | $\dashv$      | ヿ        |
| <u> </u>   | 42       | $\vdash$   | $\vdash$   | +        | +            | $\vdash$               | $\vdash$        | $\vdash \vdash$ | ᅱ        |    | $\vdash$ | 92       | H               | $\dashv$ | -              | 十         | +            | +        | +      | <del>                                     </del> | 1        |  | 142         | $\vdash$        | $\vdash \vdash$ | -                 | 一        | $\neg$   |          | $\dashv$ | $\dashv$      | 一        |
| <u> </u>   | 43       | $\vdash$   | $\vdash \vdash$                                  | +-       | +            | +                      | H               | $\vdash \vdash$ | ᅱ        |    |          | 93       | $\vdash$        | $\dashv$ | $\dashv$       | ╅         | +            | +        | $\top$ | ┢  | 1        | <u> </u>   | 143         |                 | Н               | - †               | _        |          |          | $\dashv$ | $\dashv$      | 一        |
| $\vdash$   | 44       | <del> </del>                                     | $\vdash \vdash$                                  | +-       | +            | t                      | H               | $\vdash \vdash$ | $\dashv$ |    |          | 94       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$  | _            | $\top$   | 1      | $\vdash$   | 1        |  | 144         |                 | Н               | $\dashv$          | $\dashv$ | $\neg$   |          |          | $\dashv$      | $\dashv$ |
| $\vdash$   | 45       | <del>                                     </del> | <del>                                     </del> | +-       | +            | $\vdash$               | Н               | $\vdash$        | $\dashv$ |    |          | 95       |                 | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$     | $\top$   |        |  | 1::::    |  | 145         |                 |                 | $\neg$            |          | $\neg$   |          |          | $\dashv$      |          |
| $\vdash$   | 46       | $\vdash$   | - -  | T        | t            | $\vdash$               | $\vdash \vdash$ |                 | ᅥ        |    | _        | 96       | $\vdash$        |          | $\neg \dagger$ | $\dashv$  | 十            | $\top$   | $\top$ | Т  | 1        |  | 146         |                 | П               | 7                 | $\neg$   | $\neg$   |          |          | $\dashv$      | $\neg$   |
|  | 47       | H  |  | T        | $\vdash$     | +                      | H               | $\vdash$        | ᅱ        |    |          | 97       | Н               | $\vdash$ | $\dashv$       | $\top$    | $\top$       | +        | +      | <u> </u>   | 1        |  | 147         |                 | H               | $\dashv$          | $\dashv$ | $\neg$   |          | $\Box$   | $\dashv$      | $\neg$   |
|  | 48       | H  |  | +        | T            | +-                     | Н               |                 | ᅥ        |    |          | 98       | Н               |          | 寸              | $\dashv$  | $\dagger$    | +        | +-     | <del>                                     </del> | 1        |  | 148         | Г               | H               | 7                 |          |          |          | $\Box$   | $\exists$     | $\neg$   |
| <u> </u>   | 49       | $\vdash$   |  | $\top$   | $\top$       | †                      | Н               |                 | $\dashv$ |    |          | 99       | Н               | _        | 寸              | 十         | $\top$       | 1        | 1      | <del>                                     </del> | 1        |  | 149         | Т               | $\Box$          | 7                 | $\neg$   | $\neg$   |          |          | $\dashv$      | $\neg$   |
|  | 50       | t  | <del>                                     </del> | $\top$   | +            | t                      | Н               | H               | $\dashv$ |    |          | 100      | М               |          | 寸              | 十         | 7            | +        | $\top$ |  | 1        |  | 150         | Г               | $\Box$          | 一                 | 一        | $\neg$   | _        | $\dashv$ | $\dashv$      |          |
|  | 1 20     | <u> </u>   |  |          |              |                        | لــــا          | ш               |          | :: | Ц        | .50      | لب              |          | _              |           |              |          |        |  | J        |  | 1.00        | ь               |                 |                   |          |          |          |          | _             |          |